## REMARKS

The Specification has been amended to insert an additional sequence identifier into in the heading of Table 6. A corrected Sequence Listing, in paper and machine readable copies, was submitted on January 3, 2006, together with the requisite Statement under 37 CFR 1.821-1.824 and an amendment. None of the amendments made herein constitutes the addition of new matter.

## Additional Copy of Table 5 as amended

In response to the request of the Examiner, a further copy of Table 5, page 96, is attached hereto. Applicants note that the corrected Table 5 was submitted to the Patent and Trademark Office by facsimile on December 16, 2005.

## Conclusion

In view of the foregoing, it is submitted that this case is in condition for allowance, and passage to issuance is respectfully requested.

If there are any outstanding issues related to patentability, the courtesy of a telephone interview is requested, and the Examiner is invited to call to arrange a mutually convenient time.

It is believed that this response does not necessitate the payment of any fees under 37 C.F.R. 1.16-1.17. If this is incorrect, however, please charge any fees due under the foregoing Rules to Deposit Account No. 07-1969.

Respectfully submitted,

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dti: January 5, 2006

67/69/1000 IE:87 LT \$034833000). 191 241 AFFECTEGIG ALGORICITES ACCROCATAG ALAGORIGES CHARGORITATES CHARGORITATES CHARGORITATES CHARGORITATES CALLES CONTROL OF CONTROL O = 181 LOCATOCCY THE GRANDING CHARGEST CANCELLE AND CHARGEST AND CHARGEST CHA : 8 14) delayered contractor organization organization of the transference of the transfer HARCHEAT GEOCHTOC CAMOGROS CANTOCAGO ACAMGGAGTO CADOSAGTOT GATOCOCAGTOT GATOC 1) A CCACCACAC COGGECCCAC TOTAMAACT OTCAGACTOT TAACTOTGGT CTTOTGGTTG GCAAG 771 1041 CHECCANCIAG GACIAATATO CATCAGOTCO HARVETGEAA CENDONGCOC MOCCHGETGE GEGGESMECTGE GEGG A C 9 L E Q R N K Y R S H K Q E 6 P V E P P V E P | CEMERACHIC TOGGENARY CAMETERISE GRAPHERS GRACITED TO CONCEANT TO THE ART LOOK AT THE ART LOOK AT THE ART LOOK AT THE CAMETER TO A ACTICAGOCO COLAGAGO COCAGAGAGO CACTACTOGO CICAGOGALA GOTOSOCTO CAGAGOTOGOTOC CAGAGOTOCAGOTOC CAGAGOTOGOTOC CAGAGOTOC ACHECTOCOC CAGGALGAA DEGGCAGGA CEATCOCAT CERGGAGGAT TACCOTAMAAC CEALCOMANAC CEALCOMAC CAACCOMANAC CEALCOMANAC CEALCOMAC CEAC OCOGTUCANA GANGAGACAG CHACCOCCUAG CTTGGACGTG CTANCTOCAG AGGCCAGGAT CAGCACCAGGAT CAGCAC TABLE 5 (SEQ ID NO.28 and SEQ ID NO.29)ad SEQ ID NO.29)

1111 GECTCTCCT TOTALGECKE ACTICCTCCT CCENAMIACC CACATOCTRE AMALGEGGEA AMITAHOLIGEN AMITA

## TABLE 5 (SEQ ID NO:28 and SEQ ID NO:29)

GCACAGAAAG
CAGCAACTGG
AGGCCAGCAT
CTAACTCCAG
CTTGGAGGTG
BACAG CAGCGCCCAG CTTGGAGGTG CTAACTCCAG AGGCCAGCAT CAGCAACTGG GCACAGAAAG
GAAGAGACAG
GGGGTGCAAA
7

- GTGGCTGTGC GTTCTGGGGA CCCTGGTGGG GCTCTCAGCT W L C V L G T L V G L S A GAGCCGCCTG GGCAGGGACC ATGGCACGGC CACATCCCTG
  M A R P H P W 0 1
  - CAGATGTG AGCCAGGAAC Q M C E P G T CTCAGGGAAA GCTGTGCTGC Q G K L C C CACTACTGGG ACTCCAGCCC CCAAGAGCTG CCCAGAGAGG 161
- CAGTGTGATC CTTGCATACC GGGGGTCTCC TTCTCTCTG Q C D P C I P G V S F S P D ATTCCTCGTG AGGACTGTG ACCAGCATAG AAAGGCTGCT F L V K D C D Q H R K A A 241
- 321
- NATGCTGAGT GTGCCTGTGG CAGTGCAGGG ACAAGGAGTG CACCGAGTGT GATCCTCTC CAAACCCTTC NABC CRD KECTECOMBUTGT GATCCTCTTC CAAACCCTTC  ${\tt N}$ 401
- GCTGACCGCT CGGTCGTCTC AGGCCCTGAG CCCACACCT CAGCCCACC ACTTACCTTA TGTCAGTGAG ATGCTGGAGG 481
- 96 CCAGGACAGC TGGGCACATG CAGATTCAG GCAGCTGCCT GCCGGACTC TCTCTACCCA CTGGCCACCC 561
  - CAAAGATCCC TGTGCAGCTC CGATTTTATT CGCATCCTTG TGATCTTCTC TGGAATGTTC CTTGTTTTCA CCCTGGCCGG 641

GGCCCTGTTC CTCCATCAAC GAAGGAAATA TAGATCAAAC AAAGGAGAAA GTCCTGTGGA GCCTGCAGAG CCTTGTCGTT A L F L H Q R R K Y R S N K G E S P V E P A E P C R Y 721

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- ACAGCTGCCC CAGGGAGGA GAGGGCAGCA CCATCCCCAT CCAGGAGAT TACCGAAAAC CGGAGCCTGC CTGCTCCCCC S C P R R R R R R R R C S P 801
- TGAGCCAGCA CCTGCGGTAG CTGCACTACA GCCCTGGCCT CCACCCCCAC CCCGCCGACC ATCCAAGGGA GAGTGAGACC TGGCAGCCAC AACTGCAGTC CCATCCTCTT GTCAGGGCCC TTTCCTGTGT ACACGTGACA GAGTGCCTTT TCGAGACTGG 196 881
- 1041 CAGGGACGAG GACAAATATG GATGAGGTGG AGAGTGGGAA GCAGGAGCCC AGCCAGCTGC GCGCGCGTGC AGGAGGGCGG
- 1121 GGGCTCTGGT TGTAAGGCAC ACTTCCTGCT GCGAAAGACC CACATGCTAC AAGACGGGCA AAATAAAGTG ACAGATGACC